

Career Tech

In Touch

22nd Annual C&TE February Conference “Focus on the Future”

Plan to join us at the King Career Center for the 22nd Annual February C&TE Conference on February 3 and 4, 2012! Presentations are being planned to bridge curricular areas: health IT for business and health; wellness and nutrition for FCS and health; and surveying for EIT & construction, as well as many more.

Conference Information: The general conference begins Friday, February 3, at 5 pm and continues through Saturday, February 4, at 5 pm. However, if you would like a more focused direction and additional learning opportunities, you may attend one of the optional pre-conference sessions *at no additional cost*: Business, Counseling, EIT & Construction, Health/PE, and Human Services (FCS). Lunch on Saturday is included in the conference price and there are always fabulous door prizes. This conference is truly the best deal in Alaska at only \$50 per person! UAA credit will be offered for an additional fee. You may register for UAA credit at the conference or prior to the conference online at <https://uaonline.alaska.edu>. Check the C&TE website for the CRN number prior to registering.

In this newsletter you will find conference highlights and details of the keynote speakers and pre-conference sessions, a list of tentative conference presentations, and registration instructions. Plan on participating if you are an administrator, counselor, career guide, or C&TE science, math, or health teacher--or anyone else with an interest. We'll be waiting for you!



**22nd Annual
C&TE February Conference
“Focus on the Future”
Friday, February 3, 2012
5 - 9 pm &
Saturday, February 4, 2012
8 am - 5 pm
King Career Center**

Keynote Speakers



Dr. Gerald Wheeler

Friday's keynote speaker is **Dr. Gerald Wheeler, Executive Director Emeritus of the National Science Teachers Association (NSTA)**, whose emphasis will be on STEM education. Dr. Wheeler was a Professor of Physics at Montana State University, Director of the MSU Science/Math Resource Center, Professor of Physics at Temple University, and Program Director for the American Association for the Advancement of Science (AAAS) in the area of Public Understanding of Science and Technology. Dr Wheeler received his B.S. in 1963 from Boston University with a major in science education and his PhD at the State University of New York (SUNY) at Stony Brook in 1972 in experimental nuclear physics. Between undergraduate and graduate school, he taught high school physics, chemistry and physical science and developed science modules for elementary school science. Dr Wheeler is a

former President of the American Association of Physics Teachers, a Fellow of the W.K. Kellogg Foundation and the AAAS. His numerous publications include books, articles, abstracts, and reviews. Most recently, Dr. Wheeler has been promoting telecomputer networks to bring resources to teachers and students.



Patsy Lanclos

Saturday's featured speaker will be **Patsy Lanclos, a knowledge architect**, who will tell us all things new on the use of iPads including specific STEM applications. An educator with over 50 years experience as a teacher, adjunct university professor, technology administrator, and consultant, Patsy Lanclos is an Apple Distinguished Educator and a recipient of four Smithsonian Laureate awards for innovation in technology. She was chairman of the Texas Educational Technology Advisory and the Technology Applications Clarification Committees which were responsible for writing the Texas Essential Knowledge and Skills for Technology Applications (TA-TEKS). She is past president of the Texas Computer Educator Association (TCEA) Technology Coordinators special interest group and was selected as

the first Texas Technology Coordinator of the Year. Patsy continues to advocate for technological literacy by providing professional development for teachers and administrators. She is the author of five books focusing on educational technology.

Pre-Conference Sessions

The pre-conference sessions are optional but are offered *at no additional cost*.

Business: iLearn, iLead in Technology

Friday, February 3, 8:30 am - 3:30 pm

Location: International Union of Operating Engineers Bldg, 4001 Denali St., Anchorage

Coordinator: Joann Pfisterer (pfisterer_joann@asdk12.org)

Featured technology guru, Patsy Lanclos, an Apple Distinguished Educator and recipient of four Smithsonian Laureate awards for innovation in technology, will lead sessions on "Tips and Tricks

for the iPad, iPhone, iTouch,” and apps for the iPad in the classroom. Other sessions will include computing in the clouds, QR codes and careers in e-health. Additionally, the director of the Western Business Education Association will be attending as our guest.

Counseling: The Right Tools For Success: Be College/Career Ready!

Friday, February 3, 8:30 am - 3:00 pm

Location: International Union of Operating Engineers Bldg, 4001 Denali St., Anchorage

Coordinator: Shelley Berry (berry_shelley@asdk12.org)

Let's help students figure out how to be a part of Alaska's and our nation's workforce development! Learn how to help them develop a vision and plan for their future. Let's talk about college/career readiness, building online student portfolios and PLCP's, the latest updates in our academies, Job Corp, Dept. of Labor and much more!

Engineering Technology: Hands-on SolidWorks CAD Software and 3D Printers

Friday, February 3, 8:30 am - 3:00 pm

Location: International Union of Operating Engineers Bldg, 4001 Denali St., Anchorage

Coordinator: Brad Fleener (fleener_brad@asdk12.org)

CAD and Engineering Technology teachers interested in learning more about SolidWorks 3D engineering software and engineering technology need to be a part of this pre-conference session. Other topics include a robotics curriculum for your school, finding Open Source classroom software and integrating land surveying into your curriculum.

Health: Health Care Meets Wellness Across the Age and Ability Spectrum

Friday, February 3, 8:00 am - 4:30 pm,

Location: UAA Health Sciences Bldg. Park & meet in the lobby at 8 am

Coordinators: Sharon Vaissiere (Vaissiere_Sharon@asdk12.org) & Alan Loken

The day begins with a tour of the new UAA Health Sciences facility where participants will be engaged by UAA staff and students from the physician's assistant, med lab tech and nursing programs. Less formal opportunities to observe staff/students in their active use of equipment/facilities and ask questions about preparation and procedures will be featured throughout the morning. Following a working lunch on the UAA campus from 11:30 – 12:30 participants will walk to the HPER Dept's Human Performance Lab in the Eugene Short Bldg. Professor Mike Chriss will demonstrate and actively engage willing participants in physical challenges where

measurements can be taken and analyzed. Participant should dress informally and be prepared to actively engage throughout the day. Highlights from the day will include numerous examples of hands-on or inquiry-based introductory activities that teachers can use in their own health career classes.

Human Services (FCS): “Live Long and Prosper” Focus on Healthy Foods & Nutrition and Wellness

Friday, February 3, 8:30 am - 4:30 pm

Location: International Union of Operating Engineers Bldg, 4001 Denali St., Anchorage

Coordinator: Cindy Campbell (campbell_cindy@asdk12.org)

The Family Consumer Science Strand for this year’s C&TE Conference will focus on Foods, Nutrition and Wellness. Friday’s session will include a variety of Chef’s presentations and training from CHARR (Alaska Cabaret, Hotel, Restaurant & Retailers Association) at Allen and Petersen’s along with a presentation from Alaska Farm to School. There is also a fabulous range of speakers from Friday night through Saturday covering topics such as; *Obesity and Diabetes in Alaska*, *Tools and Games for Teaching Nutrition* from the Washington Dairy Council, and *Alaska Youth Risk Behavior*. Please make it a priority to join us this year and increase awareness on good nutrition and wellness and the impact on our society.

Conference Presentations

STEM Comes to Life w/ Dr. Wheeler
DOLWD Career Guides
Bringing Nutrition to Life Through Movement
Health Career Academy Awards
Open Source Technology
iPads and Everything Nice
What's New in AKCIS
Youth Risk Behavior
BioTech for HS
Aviation to Teach STEM
Digital Imagery
Advisory Committees in Action
Land Surveying in Alaska
iPads with Application
Career & College Ready - Student Perception of WorkKeys
NCCER - the Next Generation
Keep Your Hands Off My Robotics
Fitness & Food
Nutritional Considerations for Peak Performance
PC Maintenance & Repair
e-Health -- More than Drawing Blood

AKCIS -- Online Personal Learning & Career Plan
NCCER -- Advanced Online
Alaska Design Challenge ... and the winner is....
Diabetes Education
PC Repair -- More for Your Toolbox
Computing in the Cloud
Job Corps / New Admissions -- Can You Guide Your Student?
Sim Center -- Next Best Thing to Being There
Pet Emergencies

More topics available online. For the latest list and schedule, visit
http://www.asdk12.org/depts/career_technology/febconf12/index.html

Conference Registration

Registration is \$50 per person if you register before noon on February 2, 2012; after this deadline, registration is \$60. Click this link to register:

http://www.asdk12.org/depts/career_technology/febconf12/index2.html

PAYMENT OPTIONS

1. **Pay using PayPal.** Pay with a credit card or any other form of payment allowed by PayPal (link provided at the top of the C&TE Registration page). Conference fee is \$50 if paid before noon on February 2, 2012; \$60 if using PayPal after this deadline regardless of date registered.
2. **Pay by check.** Checks must be postmarked by January 25, 2012. Make check payable to KCC and mail to:
CTE Office c/o King Career Center
2650 E. Northern Lights Blvd.
Anchorage, AK 99508
3. **Pay at the door with cash or check.** You must first complete the registration above before noon on February 2, 2012, to ensure the \$50 conference fee. (If you are pre-registered but wish to pay at the door using PayPal, the fee is \$60. See #1 above).
4. **Register and pay at the door.** Please note that the fee increases to \$60 per person for this option. You may pay with cash, check or PayPal.

For questions about registration, contact Tina Arend

arend_tina@asdk12.org

*Anchorage School District Personnel—After you complete your online registration, please also sign up for the conference on MyLearningPlan. Search for:

Career Tech 22nd Annual February Professional Conference; King Career Center, Anchorage AK 2/2-4/2012

<http://www.mylearningplan.com/LearningPlan/ActivityProfile.asp?l=987544>



Anchorage School District

Educating All Students for Success in Life

C&TE February Conference Team Members

Dean Southam, Director
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Ellie Sutton, Office Manager
Joann Pfisterer, Presenters & Business
Tina Arend, Registration & Newsletter
Lori Miller, Vendors & Exhibitors
Dan Carey, Construction
Shelley Berry, Counseling/College Career
 Readiness
Brad Fleener, Engineering Technology
Sharon Vaissiere, Health Careers
Alan Loken, Health Careers
Cindy Campbell, Human Services
Michael Fenster, STEM
Gary Gaard, Facilities
Frances Lucas, Evaluations & Room Host
Jolene McJunkin, C&TE Luncheon &
 Hospitality
Kellie Puff, C&TE Advisory Luncheon
Jack Nurmi, C&TE Advisory Luncheon
Rebecca Jesse, Conference Luncheon
John Smith, Tech Support
Melissa Flynn, Student Services
James Harris, DOLWD Career Guide
Tammy Williamson, DOLWD Career Guide
Shaydi DeJesus, DOLWD Career Guide

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<http://cte.asdk12.org>

UAA Credit Available

Attendees can opt to earn one UAA graded graduate (500 level) credit for an additional fee. You may register for the credit at the conference or prior to the conference online at <https://uaonline.alaska.edu>. Check the C&TE website for the CRN number prior to registering.

For questions about UAA credit, contact Kathy Andrews
andrews_kathlynn@asdk12.org

Career Advisory Council Members

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